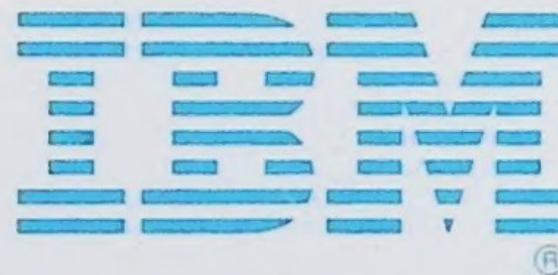


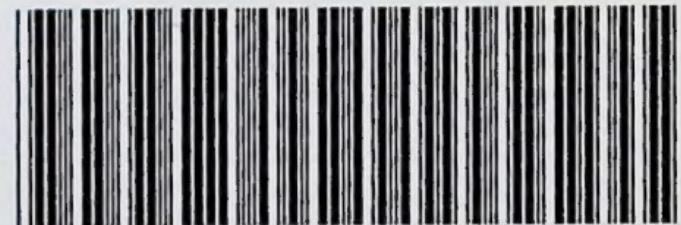
# Configuration Aid for PS/2® Models 50 and higher

## MEMORY • SCSI DEVICES



Personal System/2®

G320-9987-01



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of International Business Machines Corporation

# SCSI Configurator

## INTERNAL DEVICES\*

### SCSI Fixed Disk Drives ③

80MB  
#6451045 FC 1045

160MB  
#6451046 FC 1046

320MB  
#6451108 FC 1108

### CD ROM Drive

#6451113 FC 1113

### 2.3GB Tape Drive

#6451121 FC 1120

### Models

50, 50Z  
55 SX, 55 LS  
P70  
70 386, 70 486

### Models

60  
80-041, 80-071  
80-111, 80-311

### Models ①

65 SX  
80-other  
(SCSI Standard)

### Models ②

90 XP 486

### Models ②

95 XP 486

## CO-REQUISITE FEATURE

1st SCSI Disk

2nd SCSI Disk

3rd SCSI Disk

4th SCSI Disk

5th SCSI Disk

CD ROM

TAPE

## SCSI ADAPTERS

### MICRO CHANNEL SCSI ADAPTER

#6451109 FC 1005

### MICRO CHANNEL SCSI ADAPTER WITH CACHE

#6451110 FC 1018

### NOTES

- ① These models include one Micro Channel SCSI Adapter as a standard feature.
- ② These models include one Micro Channel SCSI Adapter with Cache as a standard feature.
- ③ Can be installed in any mix up to maximum number drives allowed per model type.
- ④ Can only attach as 1st external device; includes 320MB file and cabling for installing up to 6 additional internal SCSI devices.

\* Possible combinations are determined by available system bays.

## EXTERNAL DEVICES

### CD ROM External Drive

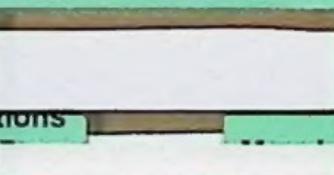
#3510001

### SCSI External Enclosure ④

#3511003

IF NO  
EXTERNAL  
DEVICE

WITH EXTERNAL  
DEVICE



† Terminator included with  
standard system adapter.

### 1st Device

CARD TO OPTION CABLE: #6451041 FC 1041  
Includes Option Terminator for last external device.

### Next Device

OPTION TO OPTION CABLE: #6451042 FC 1042

### Last Device

OPTION TO OPTION CABLE: #6451042 FC 1042  
Install Option Terminator on this device.  
(Included in #6451041)

## 70 Series

## 80 Series

## 90 and 95 XP Series

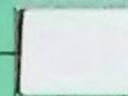
70-E61	70-061 70-121	70-Axx 70-Bxx	P70-031	P70-061 P70-121
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80-041	80-071	80-111 80-311	80-other (SCSI)	80-Axx (SCSI)
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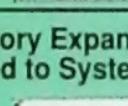
All Models

## MEMORY ON SYSTEM BOARD

Standard Memory



Maximum Memory



Memory Expansion Kits can be added to System Board

### SYSTEM BOARD MEMORY EXPANSION KITS

Part Number	Feature Code	Memory Capacity
-------------	--------------	-----------------

Part Number	Feature Code	Memory Capacity
-------------	--------------	-----------------

Part Number	Feature Code	Memory Capacity
-------------	--------------	-----------------

Memory Variations Possible on System Board



Megabytes

\* A minimum of 2MB of memory must be installed on system board when using adapter #34F3077 or #34F3011.

## MEMORY OPTIONS

Additional memory may be added with the use of Memory Expansion Cards.

MEMORY EXPANSION CARD	#6450605 FC 5211	#34F3077 FC 3077	#34F3011 FC 3011
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or

or

Capacity Range	2-8MB	2-14MB	4-14MB
Max # of Memory Cards per System	two†	one	one
Maximum System Memory	16MB	16MB	16MB
Memory Kits used to upgrade Memory Cards	#6450603 FC 5212/1MB  #6450604 FC 5213/2MB	#6450603 FC 5212/1MB  #6450604 FC 5213/2MB  #87F9977 FC 3933/4MB	#6450603 FC 5212/1MB  #6450604 FC 5213/2MB  #87F9977 FC 3933/4MB
Number of Memory Kits that can be added to each Memory Card	maximum of three	maximum of three	maximum of three

† P70 All Models limited to maximum of one memory card per system.

## MEMORY ON SYSTEM BOARD

Standard Memory

4MB

Maximum Memory

32MB\*\*

6\*

Memory Expansion Kits can be added to System Board

### SYSTEM BOARD MEMORY EXPANSION KITS

Part Number	Feature Code	Memory Capacity/Speed
-------------	--------------	-----------------------

Part Number	Feature Code	Memory Capacity/Speed
-------------	--------------	-----------------------

Part Number	Feature Code	Memory Capacity/Speed
-------------	--------------	-----------------------

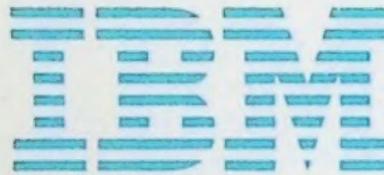
Part Number	Feature Code	Memory Capacity/Speed
-------------	--------------	-----------------------

Memory Variations Possible on System Board

4,8,12,16, 20,24,28,32	MB
---------------------------	----

\* Memory kits are added in matched pairs. Six memory sockets are available to accommodate 3 additional pairs of memory kits.

\*\* Achieving 32MB requires replacing standard memory with two 4MB kits.



# PS/2 Memory Configurator Micro Channel Systems

## INSTRUCTIONS

Set appropriate arrow to system.  
Read memory information for the  
system board in the windows.

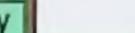
50 Series	55 Series	60 Series	65SX Series
50 All Models	55 SX-031 55 SX-061 55 LS	60 All Models	All Models

## MEMORY ON SYSTEM BOARD

Standard Memory



Maximum Memory



Memory Expansion Kits can be  
added to System Board

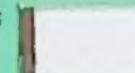
SYSTEM BOARD  
MEMORY  
EXPANSION  
KITS

Part Number  
Feature Code  
Memory Capacity

Part Number  
Feature Code  
Memory Capacity

Part Number  
Feature Code  
Memory Capacity

Memory Variations  
Possible on  
System Board



Megabytes

\* Replace Standard Memory to get Maximum Capacity on System Board.

## MEMORY OPTIONS

Additional memory may be added with the use of  
Memory Expansion Cards.

MEMORY EXPANSION CARD

#6450609  
FC 8286

Capacity Range

Max # of Memory Cards  
per System

Maximum System Memory

Memory Kits  
used to upgrade  
Memory Cards

2-8MB

two

16MB

#6450603  
FC 5212  
1MB

#6450604  
FC 5213  
2MB

maximum  
of three

Number of Memory Kits  
that can be added to  
each Memory Card

Standard	Standard	Standard	SCSI Fixed Disk Drive Kit A #6451053 FC 1053	Not Allowed
No additional feature is required	No additional feature is required	No additional feature is required	No additional feature is required	Not Allowed
No additional feature is required	No additional feature is required	SCSI Fixed Disk Drive Kit A #6451053 FC 1053	Not Allowed	Not Allowed
No additional feature is required	Not Allowed	No additional feature is required	Not Allowed	Not Allowed
No additional feature is required	Not Allowed	Not Allowed	Not Allowed	Not Allowed
No additional feature is required	No additional feature is required	CD ROM KIT A #6450847 FC 0847. Can't install if 3rd or 4th SCSI Disk installed.	CD ROM KIT A #6450847 FC 0847. Can't install if 1st or 2nd SCSI Disk installed.	Not Allowed
No additional feature is required	Not Allowed	Not Allowed	Not Allowed	Not Allowed
For Micro Channel SCSI Adapter with Cache , a card terminator is required. #6451039 FC 1039 †  SEE TABLE AT RIGHT FOR REQUIRED CABLE OPTIONS.		For Micro Channel SCSI Adapter with Cache , a card terminator is required. #6451039 FC 1039 †  SEE TABLE AT RIGHT FOR REQUIRED CABLE OPTIONS.		
For Micro Channel SCSI Adapter with Cache , a card terminator is required. #6451039 FC 1039 †  SEE TABLE AT RIGHT FOR REQUIRED CABLE OPTIONS.		For Micro Channel SCSI Adapter with Cache , a card terminator is required. #6451039 FC 1039  SEE TABLE AT RIGHT FOR REQUIRED CABLE OPTIONS.		
For Micro Channel SCSI Adapter with Cache , a card terminator is required. #6451039 FC 1039  SEE TABLE AT RIGHT FOR REQUIRED CABLE OPTIONS.		Only external SCSI devices are supported on these systems.  SEE TABLE AT RIGHT FOR REQUIRED CABLE OPTIONS.		



4MB 8MB	2MB 4MB	2MB 4MB	2MB 2MB	1MB* 2MB	4MB 8MB	2MB 8MB	2MB 8MB	2MB 6MB	2MB 6MB
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1	1	N/A	1	2	3	3	2	2	
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#6451060 FC 1060 4MB	#6450379 FC 8722 2MB	#6450379 FC 8722 2MB	N/A	#6450375 FC 3009 1MB	#6450604 FC 5213 2MB	#6450604 FC 5213 2MB	#6450608 FC 5214 2MB	#6450603 FC 5212 1MB	#6450603 FC 5212 1MB
								#6450604 FC 5213 2MB	#6450604 FC 5213 2MB

4, 8	2, 4	2, 4	2	1, 2	4, 6, 8	2, 4, 6, 8	2, 4, 6, 8	2, 3, 4, 5, 6	2, 3, 4, 5, 6
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	2MB 8MB*	1MB	2MB 8MB*	2MB 8MB*	1MB 2MB*	1MB 1MB
1	N/A	1	1	0	N/A	
#6450603 FC 5212 1MB		N/A	#6450603 FC 5212 1MB	#6450603 FC 5212 1MB	#6450604 FC 5213 2MB	
#6450604 FC 5213 2MB			#6450604 FC 5213 2MB	#6450604 FC 5213 2MB		N/A
#87F9977 FC 3933 4MB			#87F9977 FC 3933 4MB	#87F9977 FC 3933 4MB		
2, 3, 4, 5, 6, 8		1	2, 3, 4, 5, 6, 8	2, 3, 4, 5, 6, 8	1, 2	1